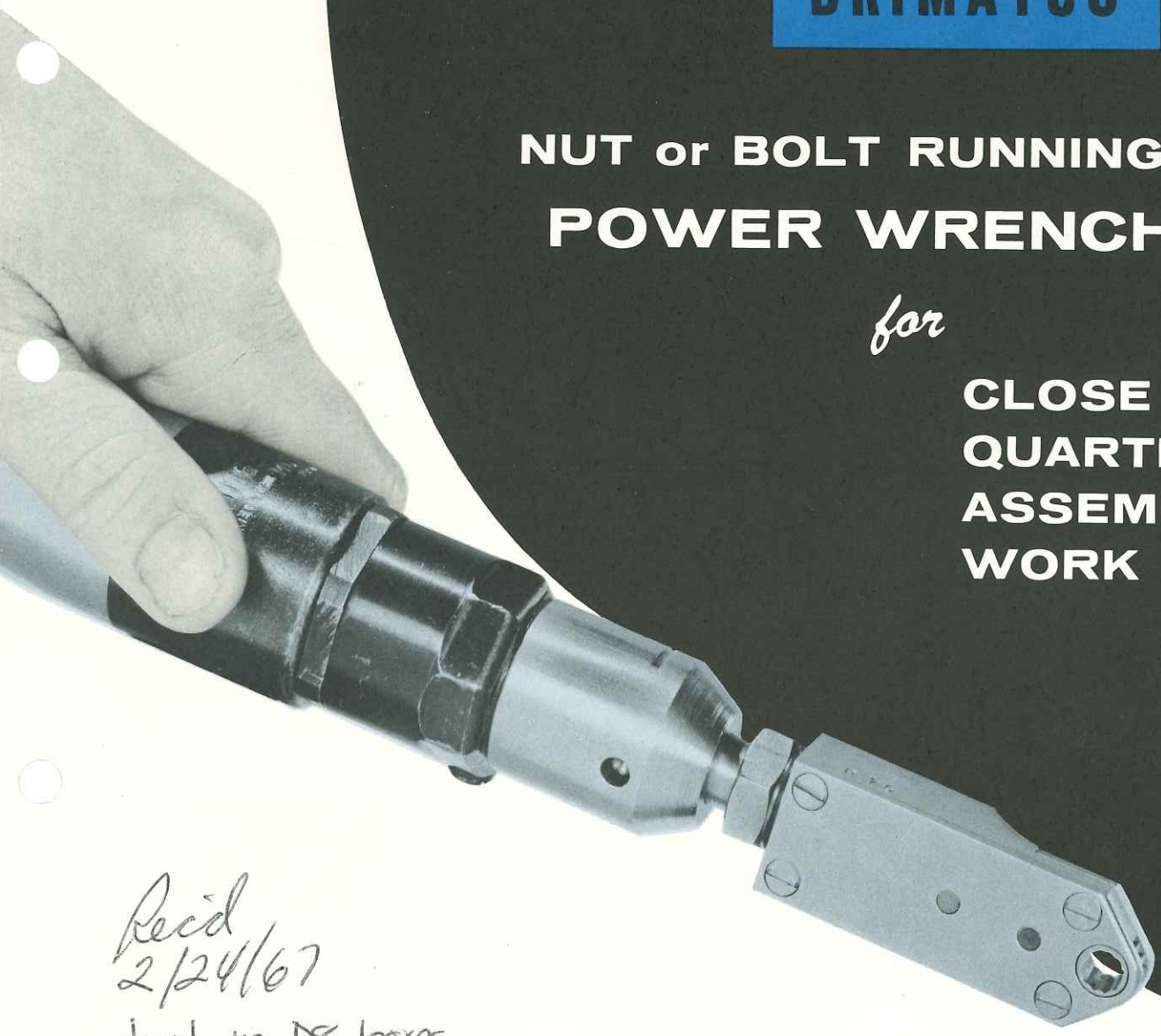
D8/61

BRIMATCO

NUT or BOLT RUNNING POWER WRENCHES *for* CLOSE QUARTER ASSEMBLY WORK



Recd 2/24/67
dupl. in D8 boxes

Brimatco power wrenches are the answer where limited space and hard-to-get-at locations make nut or bolt running a problem. These specially designed wrenches cut assembly and disassembly time . . . reduce manpower . . . eliminate damage common to manual fastening . . . open up new design possibilities. They are offered in a wide range of sizes and styles to meet specific or special applications where maximum **quality control** of fasteners is essential.

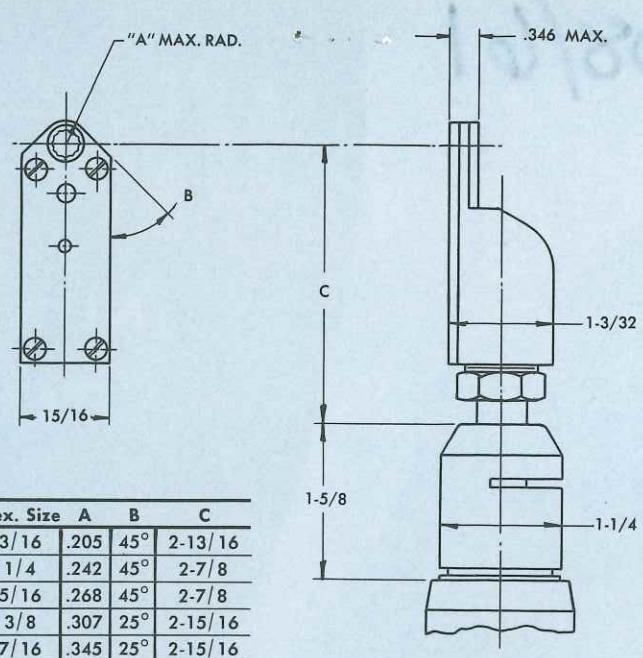
IVANHOE CORPORATION

BRISTOL DIVISION

FORESTVILLE, CONNECTICUT

LAT WRENCHES
with
RIGHT ANGLE DRIVE

These general purpose power wrenches eliminate manual driving of bolt fasteners, studs and nuts in vertical and horizontal assembly or disassembly operations. Dismountable and interchangeable, they are offered in socket sizes from 3/16" double hex to 9/16" double hex with torques up to 150 inch pounds (higher torques available on special order).



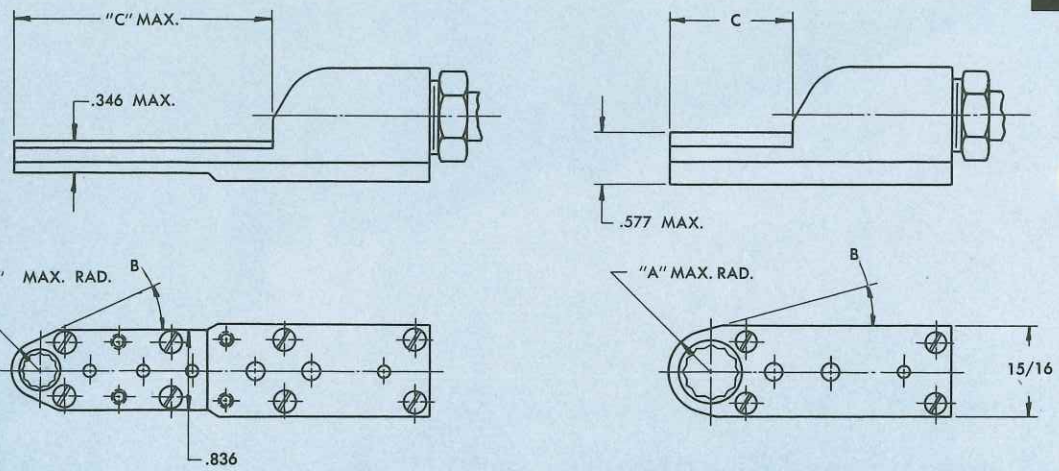
Wrench No.	Hex. Size	A	B	C
P-33	3/16	.205	45°	2-13/16
P-26	1/4	.242	45°	2-7/8
P-28	5/16	.268	45°	2-7/8
P-24	3/8	.307	25°	2-15/16
P-29	7/16	.345	25°	2-15/16
P-30	1/2	.375	25°	3
P-31	9/16	.469	—	3-1/32

Power unit adapters supplied with wrench. See back page for ordering instructions.

BRIM

SPECIAL
FLAT WRENCHES
with
IGHT ANGLE DRIVE

Brimatco offers special power wrenches for special problems. The wrenches diagramed at right are offered as presented or modified for specific requirements.

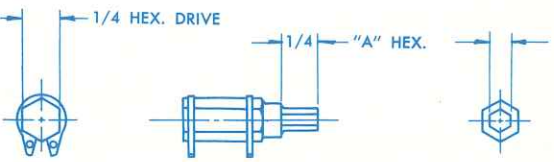


Wrench No.	Hex. Size	A	B	C
P-41A	3/8	.307	20°	2-25/32
P-43A	5/16	.268	28°	2-23/32

Wrench No.	Hex. Size	A	B	C
P-36	1/2	.440	10°	1.282
P-37	9/16	15/32	—	1.357

LAT WRENCH ADAPTERS

To adapt wrenches for socket head screws (Allen type), order a Brimatco insert bit. Drives and sizes other than those given are available on special order.

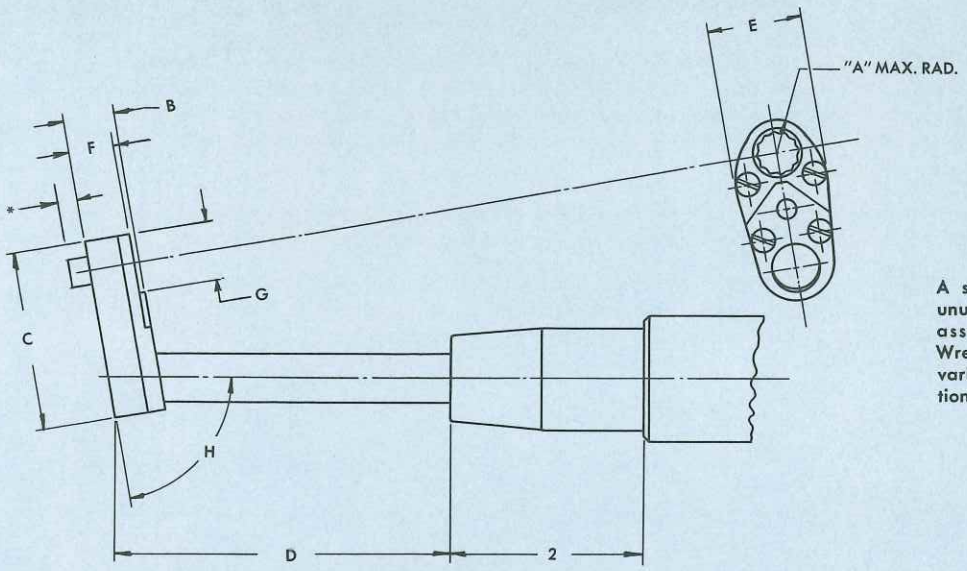


Part No.	A
A8-3	3/32
A8-4	1/8
A8-5	5/32
A8-6	3/16
A8-7	7/32
A8-8	1/4

TORQUE LIMITING CLUTCHES

The Bristol Division of the Ivanhoe Corp. recommends the use of protective clutches for all wrench applications.

The clutches (optional on right angle wrenches) limit the torque applied to the wrench below the recommended maximum, reducing maintenance and part replacement costs.



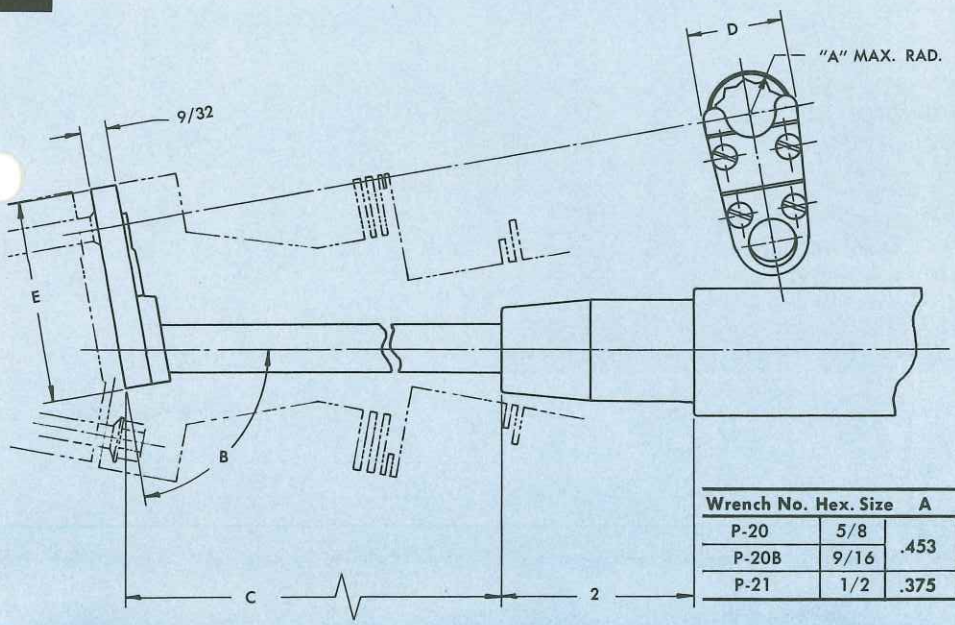
CROWFOOT OFFSET WRENCHES

A special wrench designed for unusual vertical aircraft engine assembly and disassembly. Wrench is also useful for a variety of horizontal applications.

Wrench No.	Hex. Size	A	B	C	D	E	F	G	H
P-27	1/4	.250	7/16	1-23/32	1-1/2	31/32	11/32	55/64	79°30′
P-23	3/8	.312	17/32	1-7/8	3-1/2	15/16	15/32	5/8	79°30′
P-22	1/2	.375	9/16	2	3-5/8	15/16	—	—	79°30′
P-45B	3/8	.312	17/32	1-7/8	2-3/4	15/16	15/32	5/8	90°
P-45	5/16	.312	17/32	1-7/8	2-3/4	15/16	15/32	5/8	90°

***For P45 & P45B Wrenches Only –**
Socket gear protrudes 3/16 — can be furnished with socket gear flush with body.

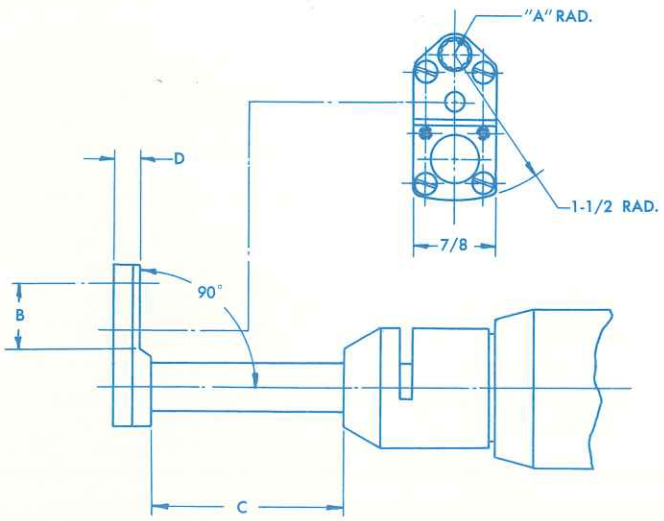
ATCO



CROWFOOT CYLINDER NUT WRENCHES

Specifically used for reaching down between the cylinders of radial piston engines, they are essential for engine overhaul work as well as original assembly. Unique construction features, however, permit various uses.

Wrench No.	Hex. Size	A	B	C	D	E
P-20	5/8	.453	80°	12-9/16	1	2-9/64
P-20B	9/16					
P-21	1/2	.375	79° 30′	14-9/16	15/16	2



OTHER CROWFOOT WRENCHES

Wrench No.	Hex Size	A	B	C	D
PS-47A	3/16	.198	11/16	2	.250
PR48AA	1/4	.225	47/64	2	.180
PS48AA	1/4	.236	47/64	2	.212
PS-48AB	1/4	.215	23/32	2	.250
PS-44BA	5/16	.265	3/4	3	.212
PR49AA	5/16	.250	3/4	2	.180
PS49AA	5/16	.265	3/4	2	.212
PS-49AB	5/16	.265	3/4	2	.250

Barrel "C" available in any desired length

The Bristol Story

The Bristol Division of Ivanhoe Corporation had its origin in the Forestville section of Bristol, Conn. in 1942. From a small garage and eight employees, the Bristol Machine & Tool Company, as it was then called, rapidly grew in plant and personnel. This growth was the result of confidence placed by aircraft and airframe manufacturers who used Brimatco skills in highly specialized development work.

High standards of manufacturing and engineering gave the company a strong position in the post war era as producers of unique tools and devices for jet-age manufacturing demands.

In 1961, the Ivanhoe Corporation, a locally organized company acquired the physical assets of Brimatco. The new management team immediately embarked on a program to broaden the market of the Brimatco proprietary line of tools, develop new applications, and offer increased engineering services.

RDERING INSTRUCTIONS

WRENCHES

Specify direct-drive or torque control. Give catalog number and socket size. For unusual applications or requirements, send drawings or sketches and specific information.

SOCKET SCREW ADAPTERS

Give part number and hex size.

REPLACEMENT PARTS

WRENCH REPLACEMENT PARTS ARE AVAILABLE ONLY FROM THE BRISTOL DIVISION FACTORY IN FORESTVILLE, CONN.

Give catalog number or serial number of wrench and name of detail part. If no identifying number is available, send socket size and description of needed replacement part.

PARTS LIST

Barrel assembly
Bearing
Body
Cover
Cover, front assembly
Cover, front disassembly
Drive shaft assembly
Gear Housing
Gear, drive
Gear, idler
Gear, miter
Gear, spur
Housing
Pin
Plate, upper
Plate, lower
Power unit adapter
Screw, adapter lock
Screw, flat head machine
Screw, socket head cap
Shaft
Socket and "C" ring subassembly
Spacer
Ring, "C" snap

P/L Ref. 4240.00 SA-1

IVANHOE CORPORATION
BRISTOL DIVISION
FORESTVILLE, CONNECTICUT

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